CLAIMS

The following is a listing of all claims in the application with their status and the text of all active claims.

1.-2. (CANCELED)

3. (PREVIOUSLY PRESENTED) A method of displaying information in a window on a computer system including a display, said window displaying only part of its related information, the method comprising:

providing a window for displaying information; further comprising the step of

providing means for scrolling the window; and

displaying in the window a first portion of its related information; and

scrolling the window to a second portion of its related information, further comprising the step of

causing visual clues, visually distinguishing new information from old information that overlaps from said first portion and has been displayed in the previous view for more than a first predetermined amount of time, to be displayed in the window after scrolling from said first portion to said second portion; and

disabling the distinguishing visual clues after a second predetermined amount of time.

4. (CANCELED)

5. (CURRENTLY AMENDED) The method of claim 3,

wherein providing the distinguishing visual clues is accomplished via visual de-emphasis of overlapping ~~overlaping~~ information, said de-emphasis accomplished through changing visual attributes of the visual

image displaying overlapping information to make said visual image less salient.

6. (PREVIOUSLY PRESENTED) The method of claim 3,

wherein providing the distinguishing visual clues is accomplished via visual emphasis of at least a part of non-overlapping information through changing visual attributes of the visual image displaying non-overlapping information to make said visual image more salient.

7.-13. (CANCELED)

14. (PREVIOUSLY PRESENTED) The method of claim 3,

wherein means are provided for defining an effective area as a rectangle within the window area; and

wherein the distinguishing visual clues are displayed to separate new information displayed in the window after scrolling to said second portion from information that overlaps from the part of the first portion displayed in the effective area before scrolling to said second portion.

15. (PREVIOUSLY PRESENTED) The method of claim 14 further comprising the steps of

allowing a user to carry out small increment scrolling by using an input device that a user can use while simultaneously controlling the screen pointer; and

allowing a user to dynamically define the effective area by moving screen pointer so that the Y screen coordinate of screen pointer is equal to the Y screen coordinate of the bottom of the effective area in the case of small increment downwards scrolling and/or the Y screen coordinate of screen pointer is equal the Y screen coordinate of the top of the effective area in the case of small increment upwards scrolling.

16. (PREVIOUSLY PRESENTED) The method of claim 14, further comprising the step of:

providing a screen control or controls emerging in a window after small increment scrolling for a third predetermined amount of time; and

allowing a user to define the effective area by dragging the emerging screen control or screen controls.

17. (PREVIOUSLY PRESENTED) The method of claim 3,

wherein means are provided for a user to set one or more settings selected from a group consisting of at least: the first predetermined amount of time, the second predetermined amount of time, direction of scrolling, types of directing visual clues and their behaviors, parameters of the effective area, whether controls and methods for defining effective area are enabled or disabled, correspondence between parameters of scrolling and types of the determining visual clues, whether the determining visual clues are enabled or disabled.

18. (PREVIOUSLY PRESENTED) The method of claim 3, further comprising the steps of

providing means for resizing the window; and

displaying in the window after resizing a third portion of window's related information, said third portion possibly overlapping with the first portion; and

causing visual clues, visually distinguishing information that overlaps from said first portion and new information that does not overlap from said first portion, to be displayed in the window after resizing; and

disabling the after-resizing distinguishing visual clues after a third predetermined amount of time;

wherein the after-resizing distinguishing visual clues are displayed in the window after resizing if and only if the first portion of window's related information is displayed in the window before the resizing for more than a fourth predetermined amount of time.

19. (CANCELED)

20. (PREVIOUSLY PRESENTED) An apparatus comprising at least a display device and a memory storage, further comprising:

means for displaying information in a window; and

means for scrolling the window; and

means for displaying in the window a first portion of its related information;

means for receiving scroll initiate events; and

means for scrolling the window to a second portion of its related information; and

means for causing visual clues, visually distinguishing new information from old information that overlaps from said first portion and has been displayed in the previous view for more than a first predetermined amount of time, to be displayed in the window after scrolling to said second portion; and

means for disabling the distinguishing visual clues after a second predetermined amount of time.

21.– 23. (CANCELED)

24. (PREVIOUSLY PRESENTED) The apparatus of claim 20, further comprising:

means for detecting the scrolling increment; and

means for detecting the direction of scrolling; and

means for detecting the input device or devices used for scrolling; and

means for detecting the type of scroll initiate event; and

means for selecting the distinguishing visual clues depending on one or more parameters selected from the group consisting of at least: scrolling increment, scrolling direction, location of processed information in a window after scrolling, input device used for scrolling, and type of scroll initiate event.

25. (CANCELED)

26. (PREVIOUSLY PRESENTED) The apparatus of claim 20, further comprising:

means for allowing a user to set one or more settings selected from the group consisting of at least: the first predetermined amount of time, the second predetermined amount of time, types of distinguishing visual clues and their behaviors, parameters of the defined rectangle, direction of scrolling, location of processed information in a window after scrolling, whether controls and methods for defining the defined rectangle are enabled or disabled, correspondence between parameters of scrolling and types of the distinguishing visual clues, whether the distinguishing

visual clues are enabled or disabled, whether the distinguishing visual clues are enabled or disabled for different types of scrolling.

27. (CANCELED)

28. (PREVIOUSLY PRESENTED) The method of claim 3, wherein distinguishing visual clues are enabled only when the second portion is the last portion of the window related information.